CLAIM AMENDMENTS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Previously Presented) A method comprising:
receiving a display data;
determining if a predetermined criteria is met by a first representation of the display data, wherein the first representation of the display data includes a first plurality of display streams to be transmitted to a first plurality of display devices;
selecting a first display stream of the first plurality of display streams when it is determined that the first representation of the display data does not meet the predetermined criteria; and
compressing the first display stream in response to selecting the first display stream.

2. (Previously Presented) The method of claim 1, wherein determining further includes providing the display streams to the first plurality of display devices using a common medium.

3. – 6. (Canceled)

7. (Previously Presented) The method of claim 2, wherein the common medium includes wireless Radio Frequency.

8. (Canceled)

9. (Previously Presented) The method of claim 1, wherein the predetermined criteria is determined to be met when each display stream of the first plurality of display streams is expected to be transmitted in a manner that allows for real time simultaneous display of each of the first plurality of display streams.

10. (Previously Presented) The method of claim 9, wherein determining further includes determining if an actual transmission time of a frame of data for a first display stream of the plurality of display streams matches a first predicted transmission time.

11. (Previously Presented) The method of claim 10, wherein determining further includes determining, for each display stream in the first plurality of display streams, whether an actual transmission time for a video frame matches a predicted transmission time within a predetermined tolerance.

12. (Previously Presented) The method of claim 9, wherein determining further includes determining, for each display stream in the first plurality of display streams, whether an actual transmission time for a video frame matches a predicted transmission time.

13. (Previously Presented) The method of claim 1, wherein there is a one-to-one correspondence between display streams in the first plurality of display streams and display devices in the first plurality of display devices.

14. (Previously Presented) The method of claim 1, wherein there are fewer display streams in the first plurality of display streams than display devices in the first plurality of display devices, where at least one stream in the first plurality of display streams is shared by two or more display devices in the first plurality of display devices.

15. (Previously Presented) The method of claim 1, wherein the display data comprises video data.

16. (Previously Presented) The method of claim 1, wherein the display data comprises graphics data.

17. (Previously Presented) The method of claim 1, wherein display data comprises digital data.

18. (Previously Presented) The method of claim 1, wherein the display data comprises analog data.

19. (Previously Presented) The method of claim 1, wherein the display data includes data from a plurality of sources.

20. (Previously Presented) The method of claim 1, wherein receiving further includes receiving at least a portion of the display data from a digital data stream having a plurality of multiplexed channels.

21. (Original) The method of claim 20, wherein the digital data stream having a plurality of multiplexed channels is an MPEG data stream.

22. (Previously Presented) The method of claim 1, wherein determining includes determining if the predetermined criteria is met when the first plurality of display streams is to be transmitted to the first plurality of display devices within a fixed bandwidth.

23. (Previously Presented) The method of claim 22, wherein the fixed bandwidth is a maximum bandwidth of the transmission medium.

24. (Previously Presented) The method of claim 22, wherein the fixed bandwidth is a predetermined portion of an available bandwidth of the transmission medium.

25. (Previously Presented) The method of claim 22, wherein the fixed bandwidth is a maximum bandwidth of a processing device that performs the compression of the first display stream.

26. (Previously Presented) The method of claim 1, wherein selecting the first display stream comprises selecting the first display stream from the first plurality of display streams using a predefined selection method.

27. (Previously Presented) The method of claim 26, wherein the predefined selection method includes a round robin method.

28. (Original) The method of claim 26, wherein the predefined selection method includes selecting a display stream of the plurality of display streams having a greatest amount of data.

29. (Previously Presented) The method of claim 26, wherein selecting the first display stream comprises selecting the first display stream based on a prioritization of one or more of the display streams associated with the plurality of display streams.

30. (Previously Presented) The method of claim 26, wherein selecting the first display stream includes selecting an uncompressed display stream over a display stream compressed in the first manner.

31. (Previously Presented) The method of claim 1, wherein compressing includes:

compressing in a first manner when it is determined the first display stream has not been compressed in the first manner; and

compressing in a second manner when it is determined that the first display stream has been compressed in the first manner.

32. (Previously Presented) The method of claim 31, wherein compressing further includes compressing in a third manner when it is determined that the first display stream has been compressed in the second manner.

33. – 41. (Canceled)

42. (Previously Presented) A system comprising:

one or more data processors;

memory operably coupled to said one or more processors; and

a set of instructions capable of being stored in said memory and executed by said one or more processors, said set of instructions to manipulate said one or more processors to:

receive a display data;

determine if a predetermined criteria is met by a first representation of the display data, wherein the first representation of the display data includes a first plurality of display streams to be transmitted to a first plurality of display devices;

select a first display stream of the first plurality of display streams when it is determined that the first representation of the display data does not meet the predetermined criteria; and

compress the first display stream in response to selecting the first display stream.

43. (Previously Presented) A computer readable medium tangibly embodying a set of instructions to manipulate one or more data processors to:

receive a display data;

determine if a predetermined criteria is met by a first representation of the display data, wherein the first representation of the display data includes a first plurality of display streams to be transmitted to a first plurality of display devices;

select a first display stream of the first plurality of display streams when it is determined that the first representation of the display data does not meet the predetermined criteria; and

compress the first display stream in response to selecting the first display stream.

44. (Previously Presented) The method of claim 33, further comprising:

transmitting the plurality of display streams substantially simultaneously.

45. (Previously Presented) The system of claim 42, wherein the predetermined criteria includes a real-time transmission of each of the plurality of display streams.

46. (Previously Presented) The system of claim 42, wherein the predetermined criteria includes a substantially simultaneous transmission of the plurality of display streams within a predetermined bandwidth.

47. (Previously Presented) The computer readable medium of claim 43, wherein the predetermined criteria includes a real-time transmission of each of the plurality of display streams.

48. (Previously Presented) The computer readable medium of claim 43, wherein the predetermined criteria includes a substantially simultaneous transmission of the plurality of display streams within a predetermined bandwidth.

49. (Previously Presented) A method comprising:

determining whether a transmission of a data stream having a plurality of multimedia channels is expected to meet a predetermined criteria;

compressing at least one of the multimedia channels in the data stream to generate a first compressed data stream when the transmission of the data stream is not expected to meet a predetermined criteria; and

determining whether a transmission of the first compressed data stream is expected to meet the predetermined criteria.

50. (Previously Presented) The method of claim 49, further comprising:

transmitting the first compressed data stream when the transmission of the first compressed data stream is expected to meet the predetermined criteria.

51. (Previously Presented) The method of claim 49, further comprising:

compressing at least one multimedia channel of the first compressed data stream to generate a second compressed data stream when the transmission of the first data stream is expected to meet the predetermined criteria; and

determining whether a transmission of the second compressed data stream is expected to meet the predetermined criteria.

52. (Previously Presented) The method of claim 51, further comprising:

transmitting the second compressed data stream when the transmission of the second compressed data stream is expected to meet the predetermined criteria.

53. (Previously Presented) The method of claim 49, wherein the predetermined criteria includes a real-time transmission of each of the multimedia channels.

54. (Previously Presented) The method of claim 49, wherein the predetermined criteria includes a transmission of the data stream within a maximum bandwidth.